

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2004-111375

(43)Date of publication of application : 08.04.2004

(51)Int.Cl.

F21L 4/00
F21V 13/00
F21V 21/096
// F21Y101:02

(21)Application number : 2003-294765

(71)Applicant : AIKAWA TAKAMINE
OYA KIKUO

(22)Date of filing : 18.08.2003

(72)Inventor : AIKAWA TAKAMINE
OYA KIKUO

(30)Priority

Priority number : 2002251140 Priority date : 29.08.2002 Priority country : JP

(54) EXTENSIBLE TYPE FLASHLIGHT

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a structure in which a capping part can be made appropriately fitted on either side of the light emitting part and the extensible arm where an illumination part is installed at the tip of the extensible arm part.

SOLUTION: As for this extensible type flashlight 1, the power supply 4 and the light emitting part 5 to become the illumination part are installed at the tip of the extensible arm part 2, and the removable capping part 10 of cap shape is installed at the tip of the light emitting part 5. As for the capping part 10, a magnet 17 and a lens 19 or the like are mounted, and it is made to be fitted to the base end of the extensible arm part 2 at the time of non-use.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision
of rejection]

[Date of requesting appeal against examiner's
decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office